



# Product Data Sheet

## Large Container Mix



### Product Description:

The Large Container Mix is a coarse pine based professional growing media designed for 12" and larger containers. It works very well for mixed containers and on site plantings. Coarse southern pine bark is utilized in the blend to provide long term structural stability as the larger particles sizes are more resistant to degradation over time due to smaller relative surface area. This pine also provides adequate porosity to the blend, eliminating the need for aggregates such as perlite. Mix is pH buffered with a combination of dolomitic and high calcium lime to ensure proper Ca/Mg balance in the substrate. Starter charge provides up to 2 weeks of crop support. Blue chip (38-0-0) is included to stabilize the organic matter in blends to prevent any nitrogen immobilization. The large container mix is manufactured at optimum moisture content of 45 to 55 percent which will increase the pot per cubic foot yield and positively impact soil structure. For long term crops, topdressing or incorporation of controlled release fertilizer may be necessary, contact sales rep for more information.

### Ideal Uses:

- Hanging Baskets
- >12" Containers
- Mums
- Patio Planters

### Available In:

- 2.8 CF Bags
- 60 CF Totes
- Bulk

### Composition/Ingredients:

- 1/2" & 3/8" Southern Pine Bark Fines
- Canadian Sphagnum Peat Moss
- Coconut Coir
- Phosphorous
- Mycorrhizal Inoculant
- Starter charge & blue chip
- Lime (Dolomitic and Hi-calcium)
- Wetting agent

### Physical Characteristics:

Air Porosity	25-30%
Water Holding Capacity	54-60%
Manufactured Moisture Content	45-55%
Dry Bulk Density	9-11 lb/ft <sup>3</sup>
Bulk Density (@manufacturing)	18-22 lb/ft <sup>3</sup>

### pH and EC:

pH Range After Incubation	5.4-6.3
Electrical Conductivity	1.0-2.0 dS/m

### Chemical Characteristics:

Extractable Nutrient Content in ppm dry weight basis

N (NO <sub>3</sub> +NH <sub>4</sub> )	P (PO <sub>4</sub> )	K	Ca	Mg	Cu	Zn	Mn	Fe
350-450	100-200	1500-1800	1800-2200	1000-1400	6-11	30-35	180-230	100-130

Water Soluble Nutrient Content in ppm saturated paste (SME)

K	Ca	Mg	SO <sub>4</sub>	B
150-220	60-100	60-100	350-650	<0.5

Midwest Trading partners with Soil and Plant Laboratory Inc. to run extractable nutrient analysis to better determine mix suitability. A saturated media extract (SME) analysis is available for each production run that can serve as a tool for cultural practices at time of receipt. The SME functions to give a snap shot of immediate nutrient availability at time of sampling and can vary based on moisture, temperature, and time. Ranges are approximated based on laboratory analysis. For informational purposes only and cannot be used as a warranty.